

Big Spring Area Groundwater Basin

- Groundwater Basin Number: 3-47
- County: San Luis Obispo
- Surface Area: 7,320 acres (11.4 square miles)

Basin Boundaries and Hydrology

Big Spring Area Groundwater Basin underlies a valley in southern San Luis Obispo County. The basin is bounded by Miocene age marine rocks (Jennings 1958). The valley is drained by a tributary to San Juan Creek. Precipitation ranges from 8 to 10 inches per year.

Hydrogeologic Information

Water Bearing Formations

The main water-bearing unit is Quaternary age alluvium.

Restrictive Structures

No information is available.

Recharge Areas

No information is available.

Groundwater Level Trends

No information is available.

Groundwater Storage

Groundwater Storage Capacity. No information is available.

Groundwater in Storage. No information is available.

Groundwater Budget (Type C)

No information is available.

Groundwater Quality

Characterization. No information is available.

Impairments. No information is available.

Well Production characteristics

Well yields (gal/min)		
Municipal/Irrigation	Range:	Average:
	Total depths (ft)	
Domestic	Range:	Average:
Municipal/Irrigation	Range:	Average:

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
Department of Health Services and cooperators	Groundwater levels	
	Miscellaneous water quality	
	Title 22 water quality	

Basin Management

Groundwater management:

Water agencies

Public

San Luis Obispo County -
Department of Public Works

Private

References Cited

Jennings, C.W. 1958. Geologic Map of California; San Luis Obispo Sheet. Olaf P. Jenkins edition. Scale 1:250,000.

Additional References

California Department of Water Resources (DWR). 1958. *San Luis Obispo County Investigation*. Bulletin 18. 288 p.

_____. Southern District. 1986. *San Luis Obispo County Master Water Plan Update*.

Errata

Changes made to the basin description will be noted here.